

## Claims

What is claimed is:

1. An apparatus for detecting and preventing fluid leaks in a property, comprising:
  - A) one or more sender units adapted for positioning near a location desirable to detect for a fluid leak;
  - B) a main shut off valve adapted for restricting delivery of fluids to a property; and
  - C) a base unit in communication with the one or more sender units and the main shut off valve.
2. The apparatus in claim 1, wherein at least one sender unit comprises a fluid sensor and a transmitter.
3. The apparatus of claim 2, wherein at least one sensor comprises two electrical contacts for determining the resistance or continuity between the two electrical contacts.
4. The apparatus of claim 2, wherein at least one transmitter communicates with the base unit via an RF signal.
5. The apparatus of claim 1, wherein the base unit communicates with the main shut off valve via an AC electrical signal.
6. The apparatus of claim 1, wherein at least one sender unit is battery powered.
7. The apparatus of claim 6, wherein the base unit includes an electronic circuit to detect a power level of the battery in the sender unit.
8. The apparatus of claim 7, wherein the base unit further includes a multi colored light emitting diodes to indicate which fluid sensor has a lower battery power level.

1 9. The apparatus of claim 1, wherein the base unit includes one or more light emitting  
2 diodes to indicate which sender unit signaled the base unit that the sender unit had detected a  
3 fluid.

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5 10. The apparatus of claim 1, wherein the base unit communicates with the main shut off  
6 valve via an AC electrical signal.

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8 11. The apparatus of claim 1, wherein the base unit includes a reset button to allow fluid to  
9 flow through the main shut off valve.

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11 12. An apparatus for detecting and preventing fluid leaks in a property, comprising:  
12 A) one or more sender units adapted for remote positioning on a property;  
13 B) a main shut off valve adapted for restricting delivery of fluids to the property; and  
14 C) a base unit in communication with the one or more sender units and the main shut off  
15 valve, wherein the base unit includes a corresponding multicolored light emitting diode for each  
16 sender unit.

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18 13. The apparatus in claim 12, wherein at least one sender unit comprises a fluid sensor and a  
19 transmitter.

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21 14. The apparatus of claim 13, wherein at least one sensor comprises two electrical contacts  
22 for determining the resistance or continuity between the two electrical contacts.

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24 15. The apparatus of claim 13, wherein at least one transmitter communicates with the base  
25 unit via an RF signal.

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27 16. The apparatus of claim 12, wherein the base unit communicates with the main shut off  
28 valve via an AC electrical signal.

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30 17. The apparatus of claim 12, wherein at least one sender unit is battery powered.

1 18. The apparatus of claim 17, wherein the base unit includes an electronic circuit to detect a  
2 power level of the battery in the sender unit.

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4 19. The apparatus of claim 12 wherein each multicolored LED is adapted to emit red to  
5 indicate that its corresponding sender unit has detected a leak, green to indicate normal operation  
6 of its sender unit with no leaks, and yellow to indicate a low battery or a test condition for its  
7 sender unit.